

NON-PERSISTENT NON-SHAREABLE SYSTEM DATABASE INSTANCE FOR A
SINGLE INVOCATION OF AN APPLICATION PROCESS
IN A RELATIONAL DATABASE MANAGEMENT SYSTEM

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ABSTRACT OF THE DISCLOSURE

A catalog management system for executing a statement that accesses a catalog to manipulate referenced system or user-defined objects and related data. Initially, a statement for a transaction to operate on an object is received. A private copy of the structure of a catalog is created to record information about the object used by the transaction. Then, the private copy of the structure of the catalog is used for the during the transaction to access the object.